



The Raleigh Amateur Radio Society's **EXCITER**

GET INVOLVED

- RARS General Membership meeting: First Tuesday of the month.
- The RARS net meets every night @ 8 p.m. on 146.640.
- The RARS Technical & Trader's net: Saturdays @ 8:30 p.m. or following the RARS net.
- RARS meets for a monthly dinner on the 2nd Tuesday of each month.

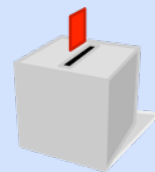
PUBLIC SERVICE EVENTS

- City of Oaks Marathon, Raleigh, Nov. 4
- Makin' Room for Turkey Ride, Raleigh, Nov. 18



Exercise Your Right to Vote!

RARS General Meeting



What: RARS Officer Elections

"Maker Faire"* by Woody Woodward, K3VSA

Date: Tuesday, Nov. 6, 2012

Time: 7:30 p.m.

Where: First Alliance Church, 4400 Buffaloe Rd., Raleigh

In the Sanctuary

*There will also be VE testing this evening
(see page 3 for details).*

**According to the website, www.makerfaire.com, Maker Faire is "A two-day, family-friendly festival of invention, creativity and resourcefulness, and a celebration of the Maker movement."*

Upcoming Meetings



Celebrate the Season with RARS!

Tuesday, Dec. 4, 2012

Annual Holiday Party * Officer Installation
Food, Drink, and Merriment * Bring Your Family!



New Date for January Meeting

**The RARS General Meeting for January has been rescheduled
from Tuesday, Jan. 1 to Tuesday, Jan. 8, 2013**

Time and location remain the same—refreshments at 7:00 p.m.,
meeting at 7:30 p.m., First Alliance Church.

RARS Officers

PRESIDENT

Karl Bowman
W4CHX
919.669.6068
w4chx@arrr.net

VICE PRESIDENT

Candy Orr
NC4CJ
919-217-7734
cjorr@bellsouth.net

SECRETARY

Bob Chew
KI4YXM
919.782.5778
rlchew@mindspring.com

TREASURER

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The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the amateur radio community in the greater Triangle area. In 1999, the society incorporated a new RARS and obtained 501(c)(3) non-profit tax status.

The objectives of the club are to promote worldwide friendship through amateur radio; to be of public service by providing radio communications in times of disaster, emergency, or civic needs; to educate members in radio technique, and to provide training classes to assist in obtaining amateur radio licenses.



Anyone interested in amateur radio is eligible to apply for membership. Dues for regular licensed amateurs are \$18 per year (from July 1 through June 30). Additional immediate family members pay \$5 each per year. Dues for licensed amateurs older than 59 or younger than 16 are \$12 per year. Dues for non-licensed associate members are \$9 per year. Applications for membership may be obtained from the treasurer or on the RARS website (www.rars.org).

Exciter

The *Exciter* is the official newsletter of the Raleigh Amateur Radio Society. It appears each month as a PDF on the RARS website at www.rars.org. Members receive email notification when the latest version is available. Please provide your email address to the Treasurer.

The *Exciter* welcomes articles, advertisements, and other contributions. To submit a piece to the newsletter, please contact the Editor. The Editor reserves the right to edit any and all pieces. The submission deadline for each month's *Exciter* is the third Friday of the preceding month. All submissions must be final. Drafts are not accepted.

The views expressed in the *Exciter* are those of the individual authors and do not necessarily reflect the views of the Editor or RARS.

Cathy Downs, KA3QPU, editor (editor@rars.org)

For Your Information

RARS General Meeting

Date: First Tuesday of each month

Location: First Alliance Church
4400 Buffaloe Road
Raleigh, NC

Time: People begin arriving at 7 p.m.
The meeting officially begins at
7:30 p.m.

RARS Monthly Dinner

Join us on the second Tuesday of each month for the RARS dinner. It's open to everyone: RARS members, non-members, friends, and family. Feel free to bring your little ones! Dinner begins at 6:30 p.m.

Listen to the nightly RARS net and check www.rars.org for details on the next dinner's location.

RARS Repeaters in Raleigh

146.640 & 443.625 (88.5 PL)

Join us for the nightly RARS net at 8 p.m. on the 146.640 repeater. All hams holding a Technician class license or higher are invited to check in. We welcome both RARS and non-RARS members to the net.

VE Testing

The RARS VEs will accept walk-in testing at the February, May, August, and November RARS meetings; the RARSFest in April; the Cary Swapfest in July; the JARSFest in November; and following RARS license classes.

Please bring a photo ID, your current license, a copy of your current license, your \$14 exam fee, and any CSCEs you have for credit. Visit www.rars.org for more information.

Message from the President

On the second Tuesday of October, I went to the Golden Corral, paid to enter the buffet, and didn't see anyone I recognized. I picked out my meal items and went to the reserved-area dining room. I still didn't see anyone I recognized.

I walked to the other end of the restaurant and looked into an alcove. There they were: five RARS members having dinner. It was great to be among friends and soon, more would arrive.

The conversation topics weren't earth-shaking, but they were interesting and everyone was engaged. We talked among tables and some exchanged places. Too soon, it was over. When was the last time that you came to a RARS Dinner? It would be great to see you!

As a reminder, the RARS Dinner is held on the second Tuesday of every month at 6:30 p.m., at the Golden Corral Restaurant, 6129 Glenwood Avenue, Raleigh, NC 27612. The restaurant is located approximately one mile west of Crabtree Valley Mall on Glenwood Avenue (Hwy 70). Please listen to the 146.64 repeater for any last-minute changes.

There are still some opportunities to participate in public service activities during the month of November. Upcoming events include the City of Oaks Marathon in Raleigh (11/4); and the Makin' Room For Turkey Ride in Raleigh (11/18). For further information or to sign up, please see the RARS home page at www.rars.org and click on Public Service in the left column, or contact John AI4RT.

73, Karl W4CHX

ARRL North Carolina Section News October 2012

NC QSO PARTY – The Raleigh Amateur Radio Society (RARS) is taking over administration of the NC QSO Party, which has a new website:

<http://www.rars.org/ncqsoparty>

A tip of the hat to Henry Heidtmann, W2DZO, and the Forsyth Amateur Radio Club for its management of the NC QSO Party for many years, and to Marty Young, W4MY, who will head up the NC QSO Party for RARS.

Set the date for the next NC QSO Party on your calendar now: February 24, 2013.

HAMFESTS – Sunday, Nov. 18, JARSfest, American Legion Building, 605 Wall St., Benson. Talk-In 147.27

SPECIAL EVENT STATIONS – Nov. 3-Nov. 4, 1201Z-0300Z, N4F, Dupont Rescue Experience, Flat Rock, NC. North Carolina USAR Task Force 6. 28.325, 14.255, 7.225. Details at: dupontrescue.com

Reprinted with permission from William C. Morine N2COP, Section Manager, ARRL NC Section.

Traffic Stats

RARS Two Meter Traffic/Ragchew Net

Checkins: 585
Traffic: 42/34
Minutes: 545
Sessions: 30

Special Interest Nets

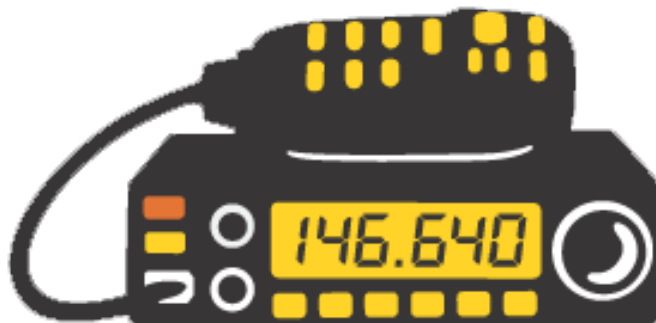
Checkins: 90
Minutes: 350
Sessions: 9

New RARS Members

Elizabeth Nichols	KK4LND
Jeremy Qualls	KF7TMZ

November Birthdays

Joe	WA4GIR	11/02
Carroll	KD4JH	11/07
Clayton	KE4DOX	11/07
Jeff	AC4ZO	11/08
Rich	NC4EN	11/11
Chris	N3JHR	11/14
Joshua	KF4ZXK	11/15
Eric	N4GOP	11/18
Rolf	K8SL	11/19
Donald	KJ4DNI	11/21
Mark	WD4KSE	11/21
Ken	WA4JJW	11/21
Rodney	AK4CH	11/23
Scott	KI4OCF	11/24
Bill	KG4CXY	11/24
Terri	N4ZUD	11/25
Doug	N3LTV	11/26





Your Emergency GO KIT

*By Ken McEwen,
KI4OTO*

Ken discusses things to think about if you “deploy” to help in an emergency situation.

If you would like to share your amateur radio story, please e-mail editor@rars.org.

Hurricane Sandy -- Photo by NASA

Field day chairman, Bob, W4TTX, asked me to put together a brief presentation to meet our field day “education” requirement. The following was presented after dinner Saturday. Presentation notes and viewer comments are included in parentheses (P.S. ...) in the text.

Commenters previously deployed included Bill, N2COP, ARRL Section manager; Mike, N3YEP, Red Cross; Bob, K4RLC, NC Baptist Men. Their points are included as p.s. in the text, and not exact quotes. Lively discussions occurred around several points during the presentation.

A few members of our group have been “deployed” during a disaster or drill. Their experiences may help fill in the gaps in the following scenario.

Imagine this...

I am in the middle of a phone call requesting my assistance in disaster zone X. This is my first call up. I remember that my “go kits” were raided for a recent public service event, and not yet re-assembled.

There are many questions running through my mind. Will these questions sound relevant to the caller? (P.S. Will he be able to answer all of them? Probably not.) The answers will determine what

gear I will bring with me, so **here goes!**

- Where will I be going?
- What is the nature and severity of the incident?
- What personal needs will be provided (food, water, shelter)?
- What community resources will be available (transport, A.C. power at the site, etc.)
- What is the current political situation (civil unrest)?
- How do I get there & who covers the cost (POV, public surface or air transport, relief agency transport)?
- What credentials must I show for transportation / area access?

See **GO Kit**, continued on p. 6

- What are my transport limitations (size, weight)?
- What communications distance will be needed (community, region, national, or international)?
- How long will I be gone?
- What else should I ask or need to know?
- (P.S. What is my liability?)
- (P.S. Your activation level, tier 1, or 2, or 3, etc., may help answer some of these and the following questions.)
- Hygiene & Toiletries (soap, deodorant, tooth brush & paste, etc.)
- Ordinary clothing, durable footwear. Zip-off cargo pants are good!
- Special protective items (cold, sun, mosquito, hard hat, etc.)
- Food & water. Quantity conditional on transport means.
- Water purification means
- Writing materials
- Cash, carefully protected

I am categorizing my list of the essentials into the following areas, so I won't forget anything important.

Papers:

- Personal picture identification (passport preferred)
- Immunizations & sensitivity (allergies) recorded & up to date
- Medical record, abbreviated
- Driver's license, or alternate I.D. and vehicle operation
- Ham license
- Training record—current level of civilian, military, government certifications
- Security clearance(s)
- Authorization or military orders

Personal:

- Medications, glasses, if needed

Technical:

- Radio(s) & accessories—mic, key, keyer, ant. Tuner, etc.
- Power supply, chargers & spare batteries
- Antenna—selected for range and bands desired
- Antenna support
- Feed line of adequate length—coax, twin lead, etc.
- Lightning protection
- A.C. Surge protection
- Weather protection—waterproof bags, plastic rain covers, etc.
- Grounding device—rod, clamp, wire
- Operating light
- Tool kit, small
- Power conversion plugs & transformers; locality dependent
- Power distribution—generator, power cords, outlet strips

(P.S. One volunteer said that when deployed after hurricane Katrina, showers were not available for nearly a week!) (P.S. You may also be asked to do tasks other than you expected, such as unloading trucks, shuffling supplies, etc. **Expect anything!**)

Wow! This is a ton of stuff! Now, to trim it down to the space that I am allocated, and what I really need to get the job done.

P.S. If you volunteer without a structured group, like the Red Cross, Baptist Men, etc., your value and usefulness are unknown, and you may be turned away. If not turned away, you may find yourself doing “who knows what”! ***Be mentally prepared for anything!***

Thanks to those who have “been there” for their service and for sharing their experiences.

73,
Ken, KI4OTO



The MS Society appreciates all our help! RARS members Dan & Marisa Sears, KD4AGQ & KG4TAL, were pictured.

we do like
green eggs and
""" hams """"

we like them in a boat, and with a goat,
in the rain, in the dark, and on a train...

Across the Chapter, volunteers provide an amazing array of specialized skills in support of the mission. Accountants help with money counting or data entry. Doctors, nurses and EMTs provide medical support at events. Attorneys help people with employment issues. Contractors help with service projects or home modification. One specialized skill with which people might not be familiar is that of the Amateur Radio Operator, more commonly known as a HAM. These volunteers are the eyes and ears of our fundraising events, providing key communication and emergency support for Bike MS, Walk MS and MuckRuckus MS.

HAM Radio operators come from all walks of life, and each volunteer spends many hours training to pass an examination for the FCC license. The Chapter is fortunate to have Amateur Radio Clubs across the area support our many events. These volunteers rarely receive the thanks they deserve for playing this key role in communication and support of participants in our events. At each event, they provide a centralized command center where HAMS stationed at rest stops and on the course pass on important information. HAMS serve as SAGS (support and gear) and drive the routes to help participants who need assistance. They communicate with medical volunteers and keep staff members and key volunteers apprised of needs. In an emergency, such as a major thunderstorm like in New Bern, they coordinate efforts to close the course and transport participants. Without these key communication links, we could not ensure the safety of our participants and volunteers.

In their service to the Chapter, HAMS not only share their time and specialized skills, they also use their own equipment and vehicles to support participants. At the New Bern event alone, 32 HAMS provided over 694 hours of support. They handled 1700 communications and drove 7,066 miles in support of the event. The in-kind donation of equipment for the weekend was \$57,800 and the value of the hours volunteered by the HAMS totaled \$23,552. Annually, this donation of time and effort is multiplied many times over as HAMS from North and South Carolina volunteer at each of our major events. When you have an occasion to meet a HAM, please take the time to thank them enabling us to raise money for a cure and to move us toward a world free of MS.



DAN AND MARISA SEARS IN NEW BERN

Reprinted with permission from the Greater Carolinas Chapter, National MS Society 2012

Minutes

Board of Directors Meeting Raleigh Amateur Radio Society September 18, 2012

Present: Bob KI4YXM, Don WA4AVU, CJ NC4CJ, Greg KE4PAX, Ken KI4OTO, John AI4RT, Bob W4TTX, Chuck K4HF, Chuck W3WZN, Marty W4MY, Karl W4CHX

1. **Call to order (Karl W4CHX):** Karl W4CHX called the meeting to order at 7:00 p.m.
2. **Approval of minutes (Karl W4CHX):** Approval of the Minutes of the August 21, 2012, Board meeting were approved.
3. **Vice President's report (CJ NC4CJ):** CJ NC4CJ deferred her report until later in the meeting.
4. **Treasurer's report (Greg KE4PAX):** Greg KE4PAX reported that RARS currently has 268 members; seventy-eight (78) members from last year have not renewed. As always, if any RARS member has questions regarding the RARS budget, please contact Greg KE4PAX or Karl W4CHX for further information.
5. **Secretary's report (Bob KI4YXM):** No report.
6. **Committee reports:**
 - a. **Public Service Director (John AI4RT):** John AI4RT reported the remaining public service activities are "The City of Oaks Marathon" and the "Making Room for Turkey Ride," which are in November.
 - b. **Public Information Officer (Chuck W3WZN):** No report.
 - c. **Education Director (Virginia NC4VA):** No report.
 - d. **Field Day Chair (Bob W4TTX):** No report; Bob W4TTX is waiting on the announcement of the 2012 Field Day scores.
 - e. **FM Repeater Chair (Karl W4CHX):** Karl W4CHX provided an update on the installation of the 145.13 repeater at the RTP tower site and the replacement of the building at the Bayleaf tower site. The intermod problem at the 146.64 repeater is being addressed by Danny K4ITL.
 - f. **RARSFest Chair (John AI4RT):** John AI4RT reported that the next committee meeting is scheduled for Monday, October 29, 2012.
 - g. **Exciter Chair (Cathy KA3QPU):** Cathy KA3QPU reported, via Don WA4AVU, that she needs text for the new Exciter, ie, articles, reports, etc.
 - h. **Hospitality Chair (Mary Jo K4MJL):** No report.
 - i. **Net Manager (Mary KG4OQA):** No report.
 - j. **ARRL Liaison (Chuck K4HF):** No Report.
 - k. **At-Large Director (Don WA4AVU):** Don WA4AVU discussed using APRS at The City of Oaks Marathon. Marty W4MY

See **Board Meeting Minutes**, continued on p. 9

suggested that the iPhone app, openAPRS, could be used. Chuck W3WZN will approach the Verizon of the Carolinas about providing assistance for The City of Oaks Marathon. There was discussion about using APRS at the New Bern event, but we need to get APRS experience at the upcoming marathon.

- l. **At-Large Director (Ken KI4OTO):** Ken KI4OTO reported on status of his “Just Do Two” award. After much discussion, it was recommended that the first “items” of participation should be where member participation was already being recorded, eg, participating in public service events. Ken KI4OTO will take these suggestions into consideration for his next iteration.
- m. **At-Large Director (Jack N6UYB):** No report.
- n. **W4DW/W4RNC Trustee (Jeff AC4ZO):** No report.
- o. **RARS VE Coordinators (Joe WA4GIR and Liz KO4CK):** No report.
- p. **RARS Webmaster (Hank K4HM):** No Report.
- q. **North Carolina QSO Party (Marty W4MY):** Marty W4MY indicated that a web page and rules are being developed, and, will be ready soon. The web site will show which counties are going to be activated during the event. The committee is going to decide where the club station, W4DW, will be sited. Marty W4MY reported that the committee is going to recognize the group that activated the USS North Carolina during the 2012 NC QSO Party; and, he will be making a presentation on the 2013 event at the next meeting of Chapter 126, QCWA.

7. Old business:

- a. **Just Do Two award (Ken KI4OTO):** see report in section 6l.
- b. **Speaker for West Regional Library, Cary, NC (Karl W4CHX):** As a follow-up to earlier discussions, Karl W4CHX reported that the library system is looking for speakers that can make their presentations at all of the public library locations. After discussion, it was noted that several speakers may need to commit to this type of activity.

8. New business:

- a. **Nominating Committee (Karl W4CHX):** Chuck K4HF will chair the committee and identify other committee members. If possible, Chuck K4HF will try to report a full slate of nominees for officers, directors, and committee chairs at the October 2012 meeting.
- b. **Location change for next RARS Board meeting (Karl W4CHX):** After discussion, it was decided that the next RARS Board meeting will be held at the Internal Medicine Associates of Raleigh, 3850 Ed Drive, Suite 100, Raleigh, NC 27612, which is the medical practice of Bob W4TTX.

Any other business: None.

Board member’s comments: CJ NC4CJ reviewed the status of preparations for the RARS auction; and, Karl W4CHX reported on his email interactions with the NC Preppers group.

Adjournment (Karl W4CHX): The meeting was adjourned at 9:25 p.m.

Minutes

General Membership Meeting Raleigh Amateur Radio Society October 2, 2012

1. **Call to order:** Karl W4CHX called the meeting to order at approximately 7:15 p.m.

Cyrus Yunker, AK4XC; and, Ben from Johnston County.

2. **Approval of minutes:** The Minutes of the RARS General Membership meeting on September 4, 2012, were approved.

3. **Vice President's report (CJ NC4CJ):** CJ NC4CJ reported that Woody Woodward, K3VSA, would be speaking on Maker Faire at the November 2012 meeting.

4. **Treasurer's report (Greg KE4PAX):** Geg KE4PAX reported that RARS has 273 members. If any RARS member has any questions, please contact Greg KE4PAX or Karl W4CHX for further information.

5. **Announcements (Karl W4CHX):**

- a. **Upcoming RARS events and hamfests:** Karl W4CHX reminded everyone to see the Exciter or the ARRL website for further information.
- b. **After meeting gathering:** The after meeting gathering will be held at Applebee's, Six Forks and Wake Forest Roads (by the Costco).
- c. **Guests:** The guests included Paul Handlon, N4BYQ; Scott Morris, KG4ZYA; Jeremy Qualls, KF7TMZ (newly licensed); Al Sadowski, AH6LS;

6. **Reports from RARS Board members and others:**

Presentation of the nominations for officers and board members for 2013 (Chuck K4HF): Chuck K4HF, for the Nominations Committee, presented the committee's recommendations for officers, board members, and committee chairs for 2013. We will vote on the nominations at the regular November RARS Meeting and install those elected at the December meeting:

RARS Officers for 2-year term:

Vice President: CJ Orr, NC4CJ

Treasurer: Greg Seamster, KE4PAX

RARS Board Members for 1-year term:

Public Service Director: John Snellen, AI4RT

Public Information Officer: Ken Rudder, WA4JJW

2013 Hamfest Chair: John Snellen, AI4RT

Exciter Editor: Cathy Downs, KA3QPU

Net Manager: Mary Holtschneider, KG4OQA

At-Large Director: Don Downs, WA4AVU

At-Large Director: Jack Foster, N6UYB

At-Large Director: Bill Mars, AK4BL

FM Repeater Chair: Karl Bowman, W4CHX

W4DW, W4RNC Trustee: Jeff Wittich, AC4ZO

ARRL Liaison: Chuck Littlewood, K4HF

Education Director: Murray Merner, K4MHM

RARS Web Master: Hank Montgomery, K4HM

See **General Membership**, continued on p. 11

“Sold! Sold! Sold! You Bought It!”

Scenes from the 2012 RARS Auction



RARS Committee Chairs for 1-year term:

Hospitality Chair: Charlie Swindell, WB4DCM
Food Service Chair: Joanne Mars, AK4RJ
NC QSO Party Chair: Marty Young, W4MY
2013 Field Day Chair: Bob Starkenburg, W4TTX
VE Team Coordinators: Liz White, KO4CK.
Joe White, WA4GIR

7. **Any other business:** None.
8. **Drawing:** A drawing was not held.
9. **Program:** The program was the RARS Auction. The auctioneer was Richard Kelly-Crapse, KB4TKQ.
10. **Adjournment:** The meeting was adjourned at approximately 9:15 p.m.

LOCAL AMATEUR RADIO NETS

The **Apex Emergency Response Communications Net** meets weekly each Sunday at 9 p.m. on the 146.640 repeater. The purpose of the net is to assist ham radio operators in preparing to respond to emergencies, test their equipment, improve operating skills, pass traffic, and to provide those with a common interest an opportunity to meet. The Apex ERC Net provides amateur radio emergency communications for The Church of Jesus Christ of Latter-Day Saints' disaster relief efforts. All stations are invited to participate in this net.

Please join us on the **Carolina 440 Net** every Monday night at 7:30 p.m. This ragchew net utilizes the Carolina 440 UHF Link Repeater System. Comprised of the Raleigh, Down East, and Coastal Wilmington link systems, there are currently 19 repeaters on the system, covering 21,168 square miles. For a list of these repeaters, please visit www.carolina440.net.

Please join us each Tuesday at 9:15 p.m. on the 146.880 repeater for the **Central Carolina SKYWARN** net. On each net there are announcements, check-ins by county, and often a program or training spot. Check us out at www.centralcarolinaskywarn.net.

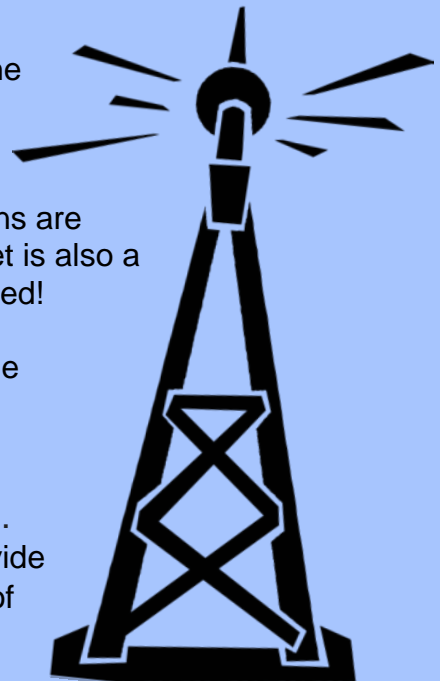
The **PCTN (Piedmont Costal Traffic Net)** meets daily at 9 p.m. on the 146.880 repeater. The purpose of the net is to handle/pass NTS formal messages. Amateur stations are encouraged to check in and participate. The backup repeater is the 147.105 (PL tone 82.5).

The **RARS Technical & Trader's Net** is held on Saturday evenings on the 146.640 repeater at 8:30 p.m.

Join us every evening at 8 p.m. on the 146.640 repeater for the **RARS Two-Meter Net**. You can give a ragchew, check in and out (this counts for our total numbers reported to the ARRL!), make announcements, and pass traffic. We also offer National Traffic System traffic training. All licensed stations are welcome to participate in the net as often as they can. This net is also a great way to learn about amateur radio if you are newly licensed!

The **VOIP Hurricane Net** is held Sundays at 00:00 UTC on the 146.775 repeater with a tone of 88.5 (IRLP node 4260). For information about activation details, go to www.voipwx.net.

The **Wake County ARES Net** meets Thursdays at 9:15 p.m. (after the PCTN TrafficNet) on the 146.88 repeater. We provide discussion and training for the implementation and provision of emergency communications for our served agencies, such as the American Red Cross and the local and state Emergency Operations Center. Please join us. For more information please visit <http://www.wakeares.org>.



RARS Classifieds

RARS Members: [Post](#) a new 30 day listing or [Edit](#) your current listings. The items below were listed within the last 30 days.

Three Handheld HTs - 2 ICOM IC 02AT and 1 DJ 560 Dualband Alinco, etc.

Posted October 25th, 2012 by: K4HF

Contact: k4hf@arrl.net

- 1 - ICOM IC 02AT 2 Mtr H/T w/manual, battery, alk. battery case, no charger but all work. Good condx - \$30.
- 1 - ICOM IC 02AT 2 Mtr H/T w/manual, Hvy BP-4 battery w/BC-16 chgr and all work. Good condx - \$40.
- 1 Alinco DJ 560 2M/440 Dualband H/T w/manual, no battery but is in working condx. Has car chgr cable - \$60.
- 1 Speaker Mike for above H/Ts - \$10.
- 1 Micronta/RS 2M/440 60W pwr/swr meter w/SO 239 conn. As new - \$25.
- 1 J-37 Straight Key, mounted, with cable - \$20.

Contact Chuck by E Mail, preferred, or (919) 872-6555

For sale, Pinnacle Systems AV/DV Version 9 Video Capture card and software.

Posted October 25th, 2012 by: N4TL

Contact: n4tl2@yahoo.com

I bought this a few years ago and converted some VHS tapes to digital. I have not used it since. It has a PCI plug in card with two DV connectors. The PCI card also has a D shell connector for a cable that goes to a Pinnacle "Blue Box". The box has 6 RCA connectors and two S-video connectors. \$25.

ICOM SM-5 Base Station Microphone

Posted October 22nd, 2012 by: K4HF

Contact: k4hf@arrl.net

The mike has an 8 pin connector, an amplification feature and originally designed for the IC-7XX era ICOM transceivers. Excellent condition. \$50. Contact Chuck by E Mail, preferred, or (919) 872-6555.

MFJ Model 1798 80 thru 2 Meter Vertical Antenna

Posted October 22nd, 2012 by: K4HF

Contact: k4hf@arrl.net

This antenna is 20' tall and no radials are needed with the built in counterpoise system. The antenna comes almost assembled but unused. A RARS Member had planned to use this system but has had to curtail his hamming activities. The manual is included. Asking \$150. An 8' roof mount tripod is also available.

<http://www.mfjenterprises.com/Product.php?productid=MFJ-1798>

Contact Chuck by E Mail, preferred, or (919) 872-6555

Ten Tec OMNI VII 160-6 Meter HF Transceiver w/ accessories

Posted October 13th, 2012 by: K4HF

Contact: k4hf@arrl.net

This 100 Watt HF radio has Gen Cvg receive, internal antenna tuner, 708A Base Mike and 302 Remote Encoder - Keypad. The optional 715 RF Speech Processor is included. All original cables, boxes and manuals come with it. The equipment has had little use and is in like new condition. This gear is currently available new from Ten Tec and is selling for a total of \$3,592. An Astron linear power supply is available for this radio if needed. This gear is surplus to a RARS members' needs. Asking \$2,150, less power supply. Contact Chuck by E Mail, preferred, or (919) 872-6555.

Icom 746Pro

Posted September 29th, 2012 by: AJ4MJ

Contact: justin@fuzzythinking.com

I have an Icom 746Pro HF+VHF transceiver for sale. It is in excellent condition and has been kept smoke free. This has been my primary rig for the last 5 years. Includes the original box and hand mike. \$900. Email preferred or 919-539-5810 phone.

Want a By Line?

Everyone has a favorite aspect of amateur radio. From contests to antenna building, there's something for everyone. Why not share your interests, expertise, and experience with RARS in the *Exciter*? We welcome member and non-member/affiliate submissions.



Both technical and non-technical articles are needed for the *Exciter*. You could write up a quick column on QSL cards or a longer how-to piece on setting up a new shack. And don't feel pressured to write a novel; articles of all sizes are appreciated!

To submit an article, simply email your piece to the Editor (editor@rars.org). Please also feel free to attach pictures to accompany your article. It is helpful if you add captions and identify the people in photographs, and have their permission to use their image.

We look forward to learning from each other and broadening our club's knowledge base! Break out those pens, pencils, and keyboards and get writing!



Wally Smith, KJ4UKV, at the Bike MS event in New Bern.

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RARS Classifieds

Want to add a new radio to your shack? Have an antenna for sale? Browse the RARS classifieds for new and used radio equipment at <http://rars.org/classifieds.php> or see p. 13 of this newsletter for current listings.

RARS members may post notices about equipment they are selling. Posts last for 30 days and are editable at any time.

Using our classifieds is a great way for buyers to search for available items and for sellers to reach a local, targeted audience.

The Raleigh Amateur Radio Society's

EXCITER

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